

Allowable Subject Matter

1. Claims 1-23 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:

The present invention relates to method and apparatus for receiving OFDM signal including, as claimed, i.e. in independent claim 1, "an AD converter configured to sample a received signal at a first sampling rate;

a low pass filter configured to remove selected noise from a signal outputted from said AD converter;

a rate converter configured to extract data from a signal outputted from said low pass filter at a second sampling rate;

an OFDM signal decoding circuit configured to convert and decode a signal outputted from said rate converter from a time domain to a frequency domain; and

an error correction circuit configured to correct errors of a signal outputted from said OFDM signal decoding circuit,

wherein said low pass filter is a filter capable of varying a frequency characteristic in response to said first sampling rate". Prior art of record (closest reference, Akiyama et al. – US 6,512,798), taking individually or collectively, fails to suggest a motivation for incorporating in such method and apparatus the claimed subject matter "wherein said low pass filter is a filter capable of varying a frequency characteristic in response to said first sampling rate" in independent claim 1, and

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similarly in other independent claims 7, 22, 23 (claims 2-6, 8-21 depend therefrom).

Thus, claims 1-23 are found to be novel and unobvious over prior art of record.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Akiyama et al. (US 6,512,798) discloses Digital Communication System Of Orthogonal Modulation Type.

Belotserkovsky et al. (US 6,711,221) discloses Sampling Offset Correction In An Orthogonal Frequency Division Multiplexing System.

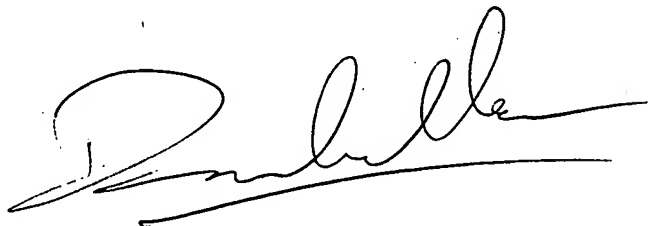
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dac V. Ha whose telephone number is 571-272-3040. The examiner can normally be reached on 5/4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-3086. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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A handwritten signature in black ink, appearing to read 'Dac V. Ha', with a long horizontal flourish extending to the right.

Dac V. Ha
Primary Examiner
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